

Appl. No. 10/660,985
Amdt. dated August 22, 2006
Reply to Office Action of May 22, 2006

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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for storing information for recorded information and a source document, the method comprising:
determining a first ~~piece~~ portion of the recorded information, the recorded information including at least one of audio, video, and image information recorded during a presentation of a plurality of information sources; included in the recorded information;
determining at least a first electronic source document from one or more electronic source documents that ~~comprises~~ includes information that ~~matches the first piece of~~ information corresponding to at least one of the information sources presented during the recording of the first portion of the recorded information, the information in the first electronic source document including at least one of text, image, audio, and video information; and
storing information identifying the recorded information, information representative of the first ~~piece~~ portion of the recorded information, and information identifying the first source document such that the ~~information identifying the first electronic source document can be determined given~~ is accessible using at least one of the information identifying the recorded information and the information representative of the first piece portion of the recorded information, and the first portion of the recorded information is accessible using the information identifying the first source document.
2. (Currently Amended) The method of claim 1, further comprising:
determining a first portion of the first source document that comprises the information that ~~matches the first piece of information~~ corresponds to at least one of the information sources presented during the recording of the first portion of the recorded information;

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storing information indicative of the first portion of the first source document such that the information indicative of the first portion of the first source document can be determined given the information identifying the recorded information and the information representative of the first ~~piece of~~ portion of the recorded information.

3. (Original) The method of claim 2, wherein the information indicative of the first portion of the first source document comprises at least one of a page number, slide number and an identifier.

4. (Currently Amended) The method of claim 2, wherein the first portion of the first source document can be accessed using an application accessing the first ~~piece~~ portion of the recorded information.

5. (Canceled)

6. (Currently Amended) A method for storing information for recorded information and a source document, the method comprising:

determining a first portion of the recorded information comprising ~~The method of claim 1, wherein the first piece of information comprises~~ an image of a slide, the recorded information including at least one of image and video information recorded during a presentation of a plurality of information sources;

determining at least a first electronic source document from one or more electronic source documents that includes information corresponding to at least one of the information sources presented during the recording of the first portion of the recorded information, the information in the first electronic source document including at least one of text, image, and video information; and

storing information identifying the recorded information, information representative of the first portion of the recorded information, and information identifying the first source document such that the first source document can be accessed using at least one of the information identifying the recorded information and the information representative of the first portion of the recorded information.

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7. (Currently Amended) The method of claim 6, wherein the information in the first electronic source document that matches corresponds to the image of the slide first piece ~~of information~~ comprises a matching image of the slide.

8. (Original) The method of claim 1, wherein storing the information identifying the first source document comprises determining an identifier for the first source document and an identifier for a portion in the first source document.

9. (Currently Amended) The method of claim 8, wherein determining the identifier for the portion in the first source document comprises:
matching the first piece portion of the recorded information to the corresponding information in the one or more source documents; and
determining the information identifying the first source document using the matched information.

10. (Currently Amended) The method of claim 8, wherein determining the identifier for the portion in the first source document comprises:
determining temporal information for the first piece portion of the recorded information;
determining the portion of the first source document using the temporal information; and
determining the identifier for the portion of the first source document.

11. (Currently Amended) The method of claim 1, wherein determining at least the first source document comprises:
matching the first piece portion of the recorded information to the corresponding information in the one more source documents; and
determining the information identifying the first source document.

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12. (Currently Amended) The method of claim 1, wherein the first piece portion of the recorded information comprises at least one of video information and audio information.

13. (Currently Amended) A method for storing information for recorded information and [[a]] at least one related source document, the method comprising:
determining selecting source information identifying a first piece of information from contained in an electronic [[a]] source document, the source information in the electronic source document including at least one of text, image, audio, and video information;

determining at least a first recorded information that comprises recorded information that matches the first piece of corresponds to the selected source information, the recorded information including at least one of audio, video, and image information recorded during a presentation of a plurality of information sources;

determining one or more recorded portions of the first recorded information comprising recorded information that is associated with the a first recorded information corresponds to the selected source information; and

storing information identifying the source document, information representative of the first piece of selected source information, information identifying the first recorded information, and information identifying the one or more recorded portions of the first recorded information such that the information identifying the first recorded information and the information identifying the one or more portions of the first recorded information can be determined given are accessible using the information identifying the source document and the information representative of the first piece of selected source information, and information identifying the selected source information is accessible using the information identifying the one or more recorded portions of the first recorded information.

14. (Currently Amended) The method of claim 13, wherein the first piece of the source document selected source information comprises at least one of a page number, slide number, and an identifier.

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15. (Currently Amended) The method of claim 13, wherein the first recorded information ~~can be accessed~~ is accessible using an application operable to access ~~accessing~~ the information identifying the ~~first piece of~~ selected source information, ~~from the source document~~.

16. (Currently Amended) The method of claim 13, further comprising:
receiving an input for the information representative of the ~~first piece of~~ selected source information;
determining the information identifying the first recorded information; and
accessing the one or more recorded portions of the first recorded information.

17. (Currently Amended) The method of claim 13, wherein the ~~first piece of~~ selected source information comprises an image of a slide.

18. (Currently Amended) The method of claim 17, wherein the first recorded information ~~that matches~~ corresponding to the first piece of selected source information comprises a ~~matching~~ corresponding image of the slide.

19. (Currently Amended) The method of claim 13, wherein storing the information identifying the source document and information representative of the ~~first piece of~~ selected source information comprises determining ~~[[an]]~~ a first identifier for the source document and ~~[[an]]~~ a second identifier for the ~~first piece of~~ selected source information.

20. (Currently Amended) The method of claim 13, wherein determining one or more portions of the first recorded information comprises:
determining the information identifying the one or more recorded portions using the ~~matched~~ corresponding information.

21. (Currently Amended) The method of claim 13, wherein determining one or more recorded portions of the first recorded information comprises:
determining temporal information for the ~~first piece of~~ selected source information;

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determining the one or more recorded portions of the first recorded information using the temporal information; and

determining the identifier for the one or more recorded portions of the first recorded information.

22. (Currently Amended) The method of claim 13, wherein determining one or more recorded portions of the first recorded information comprises:

matching the ~~first piece of~~ selected source information to information in the first recorded information; and

determining the information identifying the first recorded information.

23. (Original) The method of claim 13, wherein the first recorded information comprises at least one of video information and audio information.

24. (Currently Amended) A data structure that stores information for one or more portions embedded in a computer readable medium for accessing related information in a source document and recorded information, the data structure comprising:

source document ~~data information~~ identifying [[a]] an electronic source document, information in the electronic source document including at least one of text, image, audio, and video information;

~~one or more source identifiers~~ at least one source identifier identifying the one or more portions a source portion of the information in the electronic source document; [[and]] recorded information data identifying recorded information including at least one of audio, video, and image information recorded during a presentation of a plurality of information sources; and

~~data information~~ identifying ~~one or more portions~~ a recorded portion of the recorded information that corresponds to the source portion of the electronic source document for at least one source identifier, each source identifier of the one or more source identifiers;

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wherein the ~~one or more source identifiers and the~~ electronic source document ~~information can be determined given~~ is accessible using the information data identifying the ~~one or more portions~~ recorded portion of the recorded information, and

wherein the recorded portion of the recorded information is accessible using at least one of the source document data and the at least one source identifier.

25. (Currently Amended) The data structure of claim 24, wherein the at least one source identifier ~~one or more source identifiers~~ comprises a reference used to retrieve the ~~one or more portions~~ source portion of the source document.

26. (Currently Amended) The data structure of claim 25, wherein the reference comprises a pagination number.

27. (Currently Amended) The data structure of claim 24, wherein the data information identifying the ~~one or more portions~~ the recorded portion of the recorded information are associated with temporal information, wherein the temporal information is used to access the ~~one or more portions~~ source portion of the source document.

28. (Currently Amended) The data structure of claim 24, wherein the data information identifying the ~~one or more portions~~ the recorded portion of the recorded information comprises a reference to a storage location of the recorded information.

29. (Currently Amended) The data structure of claim 28, further comprising a reference type that identifies a type of information for the reference.

30. (Currently Amended) The data structure of claim 24, further comprising one or more source document type identifiers that identify a type of information for the one or more source identifiers.

31. (Currently Amended) The data structure of claim 24, wherein the data structure is an XML data structure.

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Claims 32-39. (Canceled)

40. (Currently Amended) ~~The structure of claim 32, wherein the structure is~~
an XML data structure embedded in a computer readable medium for linking related
information in a source document and recorded information, the XML data structure comprising:
source document data identifying an electronic source document, information in
the electronic source document including at least one of text, image, audio, and video
information;

at least one source identifier identifying a source portion of the information in the
electronic source document;

recorded information data identifying recorded information including at least one
of audio, video, and image information recorded during a presentation of a plurality of
information sources; and

data identifying a recorded portion of the recorded information that corresponds
to the source portion for at least one source identifier,

wherein the electronic source document is accessible using the data identifying
the recorded portion, and

wherein the recorded portion is accessible using at least one of the source
document data and the source identifier.

41. (Currently Amended) ~~A data processing system for storing information~~
for accessing corresponding information in a recorded information and a source document, the
data processing system comprising:

a processor; and

a memory coupled to the processor, the memory configured to store a plurality of
code modules program code for execution by the processor, the plurality of code modules
comprising program code including:

[[a]] code module for determining a first piece recorded portion of the
recorded information, the recorded information including at least one of audio, video, and image

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information recorded during a presentation of a plurality of information sources; included in the recorded information;

[[a]] code ~~module~~ for determining at least a first electronic source document from one or more electronic source documents that ~~comprises~~ includes information ~~that matches the first piece of information corresponding to at least one of the information sources presented during the recording of the first portion of the recorded information, the information in the first electronic source document including at least one of text, image, audio, and video information; and~~

[[a]] code ~~module~~ for storing information identifying the recorded information, information representative of the first ~~piece~~ portion of the recorded information, and information identifying the first source document such that the ~~information identifying the first source document can be determined given~~ is accessible using at least one of the information identifying the recorded information and the information representative of the first piece portion of the recorded information, and the first portion of the recorded information is accessible using the information identifying the first source document.

42. (Currently Amended) The data processing system of claim 41, ~~further comprising wherein the memory is configured to store program code further including:~~

[[a]] code ~~module~~ for determining a first source portion of the first source document that comprises the information ~~that matches the first piece of~~ corresponding to the first recorded portion of the recorded information; and

[[a]] code ~~module~~ for storing information indicative of the first source portion of the first source document such that the information indicative of the first source portion of the first source document can be determined given the information identifying the recorded information and the information representative of the first ~~piece~~ recorded portion of the recorded information.

43. (Currently Amended) The data processing system of claim 42, wherein the information indicative of the first source portion of the first source document comprises at least one of a page number, slide number and an identifier.

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44. (Currently Amended) The data processing system of claim 42, wherein the first source portion of the first source document ~~can be accessed~~ is accessible using an application ~~accessing~~ operable to access the first ~~piece~~ recorded portion of the recorded information.

45. (Currently Amended) The data processing system of claim 41, ~~further comprising wherein the memory is configured to store program code further including:~~

[[a]] code ~~module~~ for receiving an input for the first ~~piece~~ recorded portion of the recorded information;

[[a]] code ~~module~~ for determining the information identifying the first source document; and

[[a]] code ~~module~~ for accessing a source portion of the first source document associated with the information identifying the first source document.

46. (Currently Amended) The data processing system of claim 41, wherein the first ~~piece~~ recorded portion of the recorded information comprises an image of a slide.

47. (Currently Amended) The data processing system of claim 46, wherein the information in the first source document that ~~matches~~ corresponds to the first ~~piece~~ recorded portion of the recorded information comprises a matching image of the slide.

48. (Currently Amended) The data processing system of claim 41, wherein the code ~~module~~ for storing the information identifying the first source document comprises [[a]] code ~~module~~ for determining an identifier for the first source document and an identifier for a first source portion in the first source document.

49. (Currently Amended) The data processing system of claim 48, wherein the code ~~module~~ for determining the identifier for the first source portion in the first source document comprises:

[[a]] code ~~module~~ for matching the first piece of information to information in the one more source documents; and

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[[a]] code ~~module~~ for determining the information identifying the first source document using the ~~matched~~ corresponding information.

50. (Currently Amended) The data processing system of claim 48, wherein the code ~~module~~ for determining the identifier for the first source portion in the first source document comprises:

[[a]] code ~~module~~ for determining temporal information for the first piece of information;

[[a]] code ~~module~~ for determining the first source portion of the first source document using the temporal information; and

[[a]] code ~~module~~ for determining the identifier for the first source portion of the first source document.

51. (Currently Amended) The data processing system of claim 41, wherein the code module for determining at least the first source document comprises:

a code module for matching the first piece recorded portion of the recorded information to information in the one more source documents; and

a code module for determining the information identifying the first source document.

52. (Currently Amended) The data processing system of claim 41, wherein the first piece recorded portion of the recorded information comprises at least one of video information and audio information.

53. (Canceled)

54. (Currently Amended) A data processing system for accessing corresponding information in a recorded information and a source document, the data processing system comprising:

a processor; and

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a memory coupled to the processor, the memory configured to store a program code for execution by the processor, the program code including:

code for determining a first recorded portion of the recorded information
~~The data processing system of claim 53, wherein the first piece of the source document~~
comprises comprising at least one of a page number, slide number, and an identifier, the recorded information including at least one of audio, video, and image information recorded during a presentation of a plurality of information sources;

code for determining at least a first electronic source document from one or more electronic source documents that includes information corresponding to at least one of the information sources presented during the recording of the first recorded portion of the recorded information, the information in the first electronic source document including at least one of text, image, audio, and video information; and

code for storing information identifying the recorded information, information representative of the first recorded portion of the recorded information, and information identifying the first source document such that the first source document is accessible using at least one of the information identifying the recorded information and the information representative of the first recorded portion of the recorded information, and such that the first portion of the recorded information is accessible using the information identifying the first source document.

55. (Currently Amended) The data processing system of claim [[53]] 54, wherein the ~~first~~ recorded information can be accessed using an application accessing the information identifying the first ~~piece of information from the~~ electronic source document.

56. (Currently Amended) The data processing system of claim [[53]] 54, ~~further comprising~~ wherein the memory is configured to store program code further including:

[[a]] code module for receiving an input for the information representative of the first piece of information electronic source document;

[[a]] code module for determining the information identifying the first recorded information; and

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[[a]] code ~~module~~ for accessing the ~~one or more portions~~ first recorded portion of the first recorded information.

57. (Currently Amended) The data processing system of claim [[53]] 54, wherein the first ~~piece~~ recorded portion of the recorded information comprises an image of a slide.

58. (Currently Amended) The data processing system of claim 57, wherein the ~~first recorded information that matches~~ corresponding to the first piece recorded portion of the recorded information comprises a matching image of the slide.

Claims 59-62. (Canceled)

63. (Currently Amended) The data processing system of claim [[53]] 54, wherein the first recorded information comprises at least one of video information and audio information.

64. (Currently Amended) A computer program product stored on a computer-readable medium for storing linking corresponding information for recorded information and a source document, the computer program product comprising:

program code for determining information identifying a ~~first piece of information from source portion of information in an electronic~~ [[a]] source document, the information in the electronic source document including at least one of text, image, audio, and video information;

program code for determining ~~at least a first recorded information that comprises~~ including recorded information that matches corresponds to the first piece of information from portion of the source document, the recorded information including at least one of audio, video, and image information recorded during a presentation of a plurality of information sources;

program code for determining ~~one or more portions a first recorded portion of the~~ first recorded information ~~comprising information that is associated with the a first recorded~~ information that corresponds to the first source portion of the source document; and

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program code for storing information identifying the source document, information representative of the first ~~piece of information~~ source portion, information identifying the first recorded information, and information identifying the ~~one or more portions of the first recorded information portion~~ such that the information identifying the first recorded information and the information identifying the ~~one or more portions of the first recorded information portion~~ can be determined is accessible given at least one of the information identifying the electronic source document and the information representative of the first piece of information source portion, and the information representative of the first source portion is accessible given at least one of the information identifying the first recorded information and the information identifying the first recorded portion.

65. (Currently Amended) The computer program product of claim 64, further comprising:

program code for determining a first source portion of the first source document that comprises the information that ~~matches the~~ corresponds to the first ~~piece of information~~ recorded portion;

program code for storing information indicative of the first source portion of the first source document such that the information indicative of the first source portion ~~of the first source document can be determined given~~ is accessible using the information identifying the recorded information and the information representative of the first ~~piece of information~~ recorded portion.

66. (Currently Amended) The computer program product of claim 65, wherein the first source portion ~~of the first source document can be accessed~~ is accessible using an application ~~accessing~~ configured to access the first ~~piece of recorded information~~ recorded portion.

67. (Currently Amended) The computer program product of claim 64, further comprising:

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program code for receiving an input for the first ~~piece of information recorded~~
portion;

program code for determining the information identifying the first source
document; and

program code for accessing a portion of the first source document associated with
the information identifying the first source document.

68. (Original) The computer program product of claim 64, wherein the code
for storing the information identifying the first source document comprises code for determining
an identifier for the first source document and an identifier for a portion in the first source
document.

69. (Currently Amended) The computer program product of claim 68,
wherein the code for determining the identifier for the portion in the first source document
comprises:

program code for matching the first ~~piece of information recorded portion~~ to
information in the ~~one more source documents~~ first source document; and

program code for determining the information identifying the first source
document using the ~~matched~~ corresponding information.

70. (Currently Amended) The computer program product of claim 68,
wherein the code for determining the identifier for the portion in the first source document
comprises:

program code for determining temporal information for the first ~~piece of~~
~~information recorded portion~~;

program code for determining the first source portion of the ~~first source document~~
using the temporal information; and

program code for determining the identifier for the first source portion of the ~~first~~
~~source document~~.

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71. (Currently Amended) The computer program product of claim 64, wherein the code for determining at least the first source document comprises:
program code for matching the first ~~piece of information~~ recorded portion to information in the ~~one more~~ first source ~~documents~~ document; and
program code for determining the information identifying the first source document.

Claims 72-78. (Canceled)

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